



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Jiebo Luo, et al.

METHOD FOR SEMANTIC SCENE  
CLASSIFICATION USING  
CAMERA METADATA AND  
CONTENT-BASED CUES

Serial No. 10/712,657

Filed 13 November 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Group Art Unit: 2621

Examiner: To Be Assigned

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Anita Marie Barker*  
Anita Marie Barker  
*April 8, 2005*  
Date

Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT FOR  
CONSIDERATION BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99**

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form EKC-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. A full text copy of each document is attached, except for copies of U.S. patents and U.S. patent application publications. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I.  This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II.  This Statement is being filed under §1.97(c), with fee, prior to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Account 05-0225. A duplicate copy of this Certification is enclosed.

III.  This Statement is being filed under §1.97(c), with a certification under, §1.97(e) **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. The undersigned hereby states that (check one):

each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

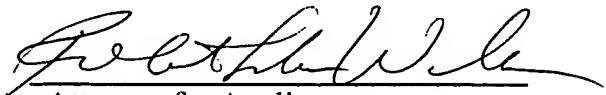
no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

IV.  This Statement is being filed under §1.97(d), with fee and certification under §1.97(e), on or after the mailing date of either a final action, a notice of allowance (but prior to payment of the issue fee) or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Account 05-0225. A duplicate copy of this Certification is enclosed. The undersigned hereby states that (check one):

each item of information in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.

no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



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Enclosures

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If the Examiner is unable to reach the Applicant(s) Attorney at the telephone number provided, the Examiner is requested to communicate with Eastman Kodak Company Patent Operations at (585) 477-4656.

FORM EKC-1449

APR 11 2005

Atty. Docket No.  
87007RLW  
Customer No. 01333Serial No.  
10/712,657

If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Filing Date  
13 November 2003Group  
2621

## U.S. PATENT DOCUMENTS

| Examiner Initial* | DOCUMENT NUMBER   | DATE       | NAME          | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-------------------|------------|---------------|-------|----------|----------------------------|
|                   | US2002/0140843 A1 | 10-03-2002 | Treter et al. |       |          |                            |
|                   | US2003/0009469 A1 | 01-09-2003 | Platt et al.  |       |          |                            |
|                   | 6,727,942 B1      | 04-27-2004 | Miyano        |       |          |                            |

## FOREIGN PATENT DOCUMENTS

| Examiner Initial* | DOCUMENT NUMBER | DATE       | COUNTRY    | CLASS | SUBCLASS | TRANSLATION YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
|-------------------|-----------------|------------|------------|-------|----------|---|
|                   | WO 03/077549 A1 | 09-18-2003 | EUROPE/PCT |       |          | X   |

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |
|--|--|
|  | M. Boutell et al: "Bayesian Fusion of Camera Metadata Cues In Semantic Scene Classification", Proceedings of the 2004 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, IEEE Comput. Soc. Los Alamitos, CA, USA, Vol. 2, June 2004 (2004-06), pages II-623, XP002319660, ISBN: 0-7695-2158-4  |
|  | Patent Abstracts of Japan, Volume 2000, No. 06, 22 September 2000 (2000-09-22) and JP 2000 092509A (Eastman Kodak Japan Ltd.), 31 March 2000 (2000-03-31) abstract   |
|  | Zhaohui Sun ED - Institute of Electrical and Electronics Engineers: "Adaptation for Multiple Cue Integration", Proceedings 2003 IEEE Conference On Computer Vision and Pattern Recognition. CVPR 2003, Madison, WI, June 18-20, 2003, Proceedings of the IEEE Computer Conference on Computer Vision and Pattern Recognition, Los Alamitos, CA, IEEE Comp. Soc. US, Vol. 2 of 2, 18 June 2003 (2003-06-18), pages 440-445, XP010644931 ISBN: 0-7695-1900-8 |
|  | A. Garg et al: "Bayesian Networks as Ensemble of Classifiers" Pattern Recognition, 2002. Proceedings 16th International Conference on Quebec City, QUE., CANADA 11-15 August, 2002, Los Alamitos, CA, USA, IEEE Comput. Soc., US, Vol. 2, 11 August 2002 (2002-08-11), pages 779-784, XP010613997 ISBN: 0-7695-1695-X  |

| EXAMINER  | DATE CONSIDERED |
|---|-----------------|
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |